C-3003/2

JUL 2 0 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

CARTER ET AL

GROUP ART UNIT:

SERIAL NUMBER:

09/496.69

EXAMINER: UNKNOWN

FILED:

2 FEBRUARY 2000

DATE:

TITLE:

SUBSTITUTED BENZOPYRAN ANALOGS FOR THE TREATMENT OF INFLAMMATION

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97-1.98

Hon. Commissioner of Patents & Trademarks Washington, D.C. 20231

Sir:

This Information Disclosure Statement is filed pursuant to 37 CFR 1.97-1.98 as supplemented by MPEP 609. Attached is PTO Form 1449 listing documents believed to be material to the subject matter claimed in the above-identified application of the filing date of said application.

Presentation of these documents listed on PTO Form 1449 is not an admission that any listed document is prior art under the Patent Statutes and the right is reserved to antedate any material described in the listed documents by a showing under 37 CFR 1.131 or otherwise.

The pertinence of each of these documents is summarized below:

Doc. AA describes acid substituted bicyclic moieties as IIb/IIIA antagonists.

Doc. AB describes amide substituted benzopyrans as antifungals.

Doc. AC describes naphthoic acids as lipoxygenase inhibitors.

Doc. AD describes amine substituted benzopyrans as lipoxygenase inhibitors.

Doc. AE describes 2H-benzopyran-3-carboxylic acid as an intermediate for pesticides.

Doc. AF describes 3-phenylbenzopyrans as 5-lipoxygenase inhibitors.

Doc. AG describes 4-oxo-benzopyrans and quinolines as leukotriene antagonists.

Doc. AH describes 4-oxo-benzopyran-carboxylic acids as leukotriene antagonists.

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Doc. AI describes 4-oxo-benzopyrans as leukotriene antagonists.

Doc. AJ describes 2-phenyl substituted flavenes and thioflavenes as 5-lipoxygenase inhibitors.

Doc. AK describes benzopyran derivatives as 5-lipoxygenase inhibitors.

Doc. AL describes substituted chromenes and benzothiopyrans as 5-lipoxygenase inhibitors, and specifically 6-benzyloxy-2H-benzopyran-3-carboxylic acid as an intermediate.

Doc. AM describes fused benzo compounds for the treatment of CNS disorders.

Doc. AN describes benzopyran derivatives as tyrosine kinase modulators.

Doc. AO describes 2H-benzopyran-3-carboxylic acid as intermediates.

Doc. AP describes 2H-benzopyran-3-carboxylic acids as intermediates.

Doc. AQ describes substituted chromenes and benzothiopyrans as 5-lipoxygenase inhibitors.

Doc. AR describes benzopyran-3-carboxylic acids.

Doc. AS describes 8-methoxy-benzopyran-3-carboxylic acid as an intermediate.

Doc. AT describes COX-2 in benign and malignant tumors.

Doc. AU describes COX-2 in benign and malignant tumors including lung cancer.

Doc. AV describes COX-2 in benign and malignant tumors including Barrett's esophagus.

Doc. AW describes COX-2 in benign and malignant tumors including skin cancer.

Doc. AX describes expression of COX-2 in airway cells with implication in asthma.

Doc. AY describes the role of COX-2 in angiogenesis.

Doc. AZ describes the role of COX-2 in vascular rejection.

Doc. BA describes the role of COX-2 in HIV induced apoptosis.

Doc. BB describes the role of COX-2 in neurodegeneration.

Doc. BC describes the role of COX-2 in inflammatory bowel disease.

Doc. BD describes the role of COX-2 in cerebral ischemia.

Doc. BE describes the role of COX-2 in hypertension.

Doc. BF describes drugs that inhibit cyclooxygenase and their effect on colon cancer.

Doc. BG describes drugs that inhibit cyclooxygenase and their effect on allergic neuritis.

Doc. BH describes drugs that inhibit cyclooxygenase and their effect on burns.

Doc. BI describes drugs that inhibit cyclooxygenase and their effect on cytomegalovirus infectivity.

Doc. BJ describes drugs that inhibit cyclooxygenase and their effect on lumbago.

Doc. BK describes carboxy coumarinimide derivatives and their antifungal activity.

Doc. BL describes the preparation of 6-chloro-2,3-dihydro-4H-1-benzopyran carboxylic acids.

Doc. BM describes 4-hydroxy-3-quinoline carboxylic acids as starting material in the preparation of antiinflammatories.

Doc. BN describes benzothiopyran acids as starting material in the preparation of



Doc. BO describes the synthesis of 2-history-1,2-dihydro quinolines.

Doc. BP describes the synthesis of 2[2-morpholino-6-nitrobenzopyran]-3-carboxylate.

Doc. BQ describes the chromene-3-carboxylic acid as an intermediate in the preparation of centrally acting muscle relaxants.

Doc. BR describes the preparation of chromene-3-carboxylic acid.

Doc. BS describes substituted chromenes as 5-lipoxygenase inhibitors.

Doc. BT describes benzothiochromanone as intermediate in the preparation of retinoid-like compounds.

Doc. BU describes benzopyran derivatives as pharmaceuticals.

Doc. BV describes benzopyrans as intermediates.

Doc. BW describes substituted quinoline derivatives.

Copies of the cited documents are enclosed herewith for the Examiner's convenience.

Please charge any fees related to the filing of these documents to Deposit Account No. 19-1025.

Respectfully submitted,

Attorney for Applicants Registration No. 45, 199

pames M. Warner

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G.D. Searle & Co. Corporate Patent Department P.O. Box 5110 Chicago, Illinois 60680-9889



Sheet 1 of 2

Atty. Docket No.: 3003/

Serial No .:

Applicant: Carter et al

Filing Date: Group Art Unit::

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SUBSTITUTED BENZOPYRAN DERIVATIVES FOR THE TREATMENT OF INFLAMMATION

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97-1.98

Commissioner of Patents and Trademarks Washington, D.C. 20231 Sir:

This Supplemental Information Disclosure Statement is filed pursuant to 37 CFR 1.97-1.98 and MPEP §609. The present Information Disclosure Statement, supplements the Information Disclosure Statement being filed herewith simultaneously. Any fee required by 37 CFR 1.97-1.98 should be charged to Deposit Account No. 19-1025.

This newly cited document is as pertinent as the documents previously cited in this prosecution.

Respectfully submitted,

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